83rd Association for Information Science and Technology Annual Meeting

Information for a Sustainable World: Addressing Society's Grand Challenges

Proceedings of the Association for Information Science and Technology Volume 57

Online
22 October – 1 November 2020

Part 1 of 2

ISBN: 978-1-7138-2519-7

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571

Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2020) by the Authors
All rights reserved.

Printed with permission by Curran Associates, Inc. (2021)

For permission requests, please contact Association for Information Science and Technology (ASIS&T) at the address below.

Association for Information Science and Technology (ASIS&T)
8555 16th Street, Suite 850
Silver Spring, Maryland 20910
USA

Phone: 301-495-0900
Fax: 301-495-0810

asist@asist.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

PART 1

LONG PAPERS

ALL IN THE FAMILY: A DESCRIPTIVE ANALYSIS OF FAMILY NETWORK CHANGE IN FAMILIES MANAGING CHRONIC ILLNESS 1
L. Brown, T. Veinot

AN ANALYSIS ON COMPETENCY OF HUMAN-CENTERED DATA SCIENCE EMPLOYMENT 14
D. Wu, S. Lv, H. Xu

AN ONTOLOGY AUTOMATION CONSTRUCTION SCHEME FOR CHINESE E-GOVERNMENT THESAURUS OPTIMIZING 27
H. Wang, W. Zhang, S. Deng, B. Zhang

ANALYZING HEALTH TWEETS OF LGB AND TRANSGENDER INDIVIDUALS 40
A. Karami, F. Webb

ASSESSING USER REACTIONS TO INTELLIGENT PERSONAL ASSISTANTS' HUMOROUS RESPONSES 51
I. Lopatovska, E. Korshakova, T. Kubert

AUTHORSHIP ANALYSIS OF ENGLISH AND SPANISH TWEETS 65
M. Alrashdan, M. Abdullah, M. Al-Ayyoub, Y. Jararweh

COVID-19 PANDEMIC AND INFORMATION DIFFUSION ANALYSIS ON TWITTER 74
L. Dinh, N. Parulian

CROSS-DISCIPLINARY DATA PRACTICES IN EARTH SYSTEM SCIENCE: ALIGNING SERVICES WITH REUSE AND REPRODUCIBILITY PRIORITIES 84
A. Yan, C. Huang, J. Lee, C. Palmer

DATA TO KNOWLEDGE IN ACTION: A LONGITUDINAL ANALYSIS OF GENBANK METADATA 98
J. Hemsley, J. Qin, S. Bratt

"DEAR AMY": SEEKING SUPPORT ON YOUTUBE 107
G. Salib, T. Gorichanaz, D. Agosto

DIFFUSION AND ADOPTION OF LINKED DATA AMONG LIBRARIES 117
J. Niu

DO NEUTRAL NAMES HAVE AN INFLUENCE ON SCIENTISTS' RESEARCH IMPACT 126
N. Zhang, J. Li

DOES OPENING UP PEER REVIEW BENEFIT SCIENCE IN TERMS OF CITATIONS 138
J. Ni, Z. Zhao, Y. Shao, S. Liu, W. Li, J. Li

EMOTIONS IN ONLINE DEBATES: TALES FROM 4FORUMS AND CONVINCEME 147
J. Li, L. Xiao

EMULATION ENCOUNTERS: SOFTWARE PRESERVATION IN LIBRARIES, ARCHIVES, AND MUSEUMS 161
A. Acker

EVALUATING THE USER EXPERIENCE IN A DIGITAL LIBRARY 171
M. Barifah, M. Landoni, A. Eddarkrouri

EXPLORING FACTORS AFFECTING RENEWAL AND STOPPING REASONS IN CROSS-SESSION SEARCH 188
Y. Li, R. Capra

FINITE AND INFINITE GAMES: AN ETHNOGRAPHY OF INSTITUTIONAL LOGICS IN RESEARCH SOFTWARE SUSTAINABILITY 200
N. Weber

FROM FLAT FILE TO INTERFACE: SYNTHESIS OF PERSONAS AND ANALYTICS FOR ENHANCED USER UNDERSTANDING 210
B. Jansen, S. Jung, J. Salminen

GOOD SYSTEMS, BAD DATA?: INTERPRETATIONS OF AI HYPE AND FAILURES 221
S. Slota, K. Fleischmann, S. Greenberg, N. Verma, B. Cummings, L. Li, C. Shenefiel

GRAPEVINE: A PROFILE-BASED EXPLORATORY SEARCH AND RECOMMENDATION SYSTEM FOR FINDING RESEARCH ADVISORS 232
B. Rahdari, P. Brusilovsky, D. Babichenko, E. Littleton, R. Patel, J. Fawcett, Z. Blum

INFORMATION SCIENCE IDENTITY: STUDENTS' PERSPECTIVE 245
Y. Ma, C. Goray

INVESTIGATING THE ARTICLE PROCESSING CHARGE OF JOURNALS IN THE GOLD OPEN ACCESS MARKET: A GAME THEORY APPROACH 256
X. Yuan, Q. Wang, M. Jiang, Y. Liu, X. Yang

JOURNAL OF THE ASSOCIATION FOR INFORMATION SCIENCE AND TECHNOLOGY: ANALYSIS OF TWO DECADES OF PUBLISHED RESEARCH 271
N. Agarwal, M. Islam

LIBRARIAN PERSPECTIVES ON THE ROLE OF VIRTUAL REALITY IN PUBLIC LIBRARIES 289
K. Lee, W. King, N. Dahya, J. Lee

MAPPING THE “LONG TAIL” OF RESEARCH FUNDING: A TOPIC ANALYSIS OF NSF GRANT PROPOSALS IN THE DIVISION OF ASTRONOMICAL SCIENCES 300
G. Stahlman, P. Heidorn

OPENING UP THE BLACK BOX OF SCHOLARLY SYNTHESIS: INTERMEDIATE PRODUCTS, PROCESSES, AND TOOLS 307
X. Qian, K. Fenlon, W. Lutters, J. Chan

OXYMORONS OF PRIVACY AND SURVEILLANCE IN “SMART HOMES” 319
P. Doty

PATIENT EMPOWERMENT THROUGH MOBILE HEALTH: CASE STUDY WITH A BRAZILIAN APPLICATION FOR PREGNANCY SUPPORT 330
G. Delgado, R. Carvalho, C. Choo, R. Leite, J. Castro

PERSONA PROFILES OF LATINX LIVING IN BOSTON: APPLICATIONS FOR INFORMATION ORGANIZATIONS 344
M. Colon-Aguirre, J. Alcala

"PREDICTIVE ADS ARE NOT DOCTORS": MENTAL HEALTH TRACKING AND TECHNOLOGY COMPANIES 354
K. Costello, D. Floegel

PRIVACY CONSIDERATIONS WHEN PREDICTING MENTAL HEALTH USING SOCIAL MEDIA 365
T. Wang, M. Bashir

PURPOSE, COMPLETENESS, AND EVIDENTIAL SOURCE: TYPOLOGICAL SIGNPOSTS IN THE COLLECTIONS LANDSCAPE 375
K. Fenlon, J. Grimmer, C. Thurston

QUALITY OF IMAGES SHOWING MEDICATION PACKAGING FROM INDIVIDUALS WITH VISION IMPAIRMENTS: IMPLICATIONS FOR THE DESIGN OF VISUAL QUESTION ANSWERING APPLICATIONS 389
N. Davis, B. Xie, D. Gurari

QUANTIFYING AUTHORSHIP: A COMPARISON OF AUTHORSHIP RUBRICS FROM FIVE DISCIPLINES 400
D. Whetstone, H. Moulaison-Sandy

RECONCILING TAXONOMIES OF ELECTORAL CONSTITUENCIES AND RECOGNIZED TRIBES OF INDIGENOUS TAIWAN 413
Y. Cheng, B. Ludascher

RESPONSE TO NON-RESPONSE: HOW PEOPLE REACT WHEN THEIR SMARTPHONE MESSAGES AND CALLS ARE IGNORED 428
N. Agarwal, W. Lu

SCIENTIFIC DATA MANAGEMENT IN THE FEDERAL GOVERNMENT: A CASE STUDY OF NOAA AND RESPONSIBILITY FOR PRESERVING DIGITAL DATA 442
A. Kriesberg, J. Kowall

SEARCHING COVID-19 BY LINGUISTIC REGISTER: PARALLELS AND WARRANT FOR A NEW RETRIEVAL MODEL 452
G. Benoit

SPACE IDENTIFICATION OF SEXUAL HARASSMENT REPORTS WITH TEXT MINING 463
A. Karami, S. Swang, M. Moraes

SUPPORTING REFUGEES BY FACILITATING THE INNOVATION OF NONPROFIT RESETTLEMENT AGENCIES: A CASE STUDY 473
D. Freeburg

TACIT KNOWLEDGE TRANSFER IN TRAINING AND THE INHERENT LIMITATIONS OF USING ONLY QUANTITATIVE MEASURES 485
A. Rosellini, S. Hawamdeh

THE EFFECTS OF SUGGESTED TAGS AND AUTOCOMPLETE FEATURES ON SOCIAL TAGGING BEHAVIORS 493
C. Holstrom

THE EVOLUTION OF LIS RESEARCH TOPICS AND METHODS FROM 2006 TO 2018: A CONTENT ANALYSIS 506
J. Ma, B. Lund

THE HITCHHIKER'S GUIDE TO SCHOLARLY RESEARCH INTEGRITY 516
S. Taswell, C. Triggle, J. Vayo, S. Dutta, C. Taswell

TOWARD EPISTEMIC JUSTICE: AN APPROACH FOR CONCEPTUALIZING EPISTEMICIDE IN THE INFORMATION PROFESSIONS 526
B. Patin, M. Sebastian, J. Yeon, D. Bertolini

TOWARDS FAMILY-CENTERED HEALTH TECHNOLOGIES THAT SUPPORT DISTRIBUTED FAMILIES ON SUSTAINABLE HEALTHY PRACTICES TOGETHER 537
J. Sandbulte, E. Choe, J. Carroll

UNDERSTANDING USERS' ACCESSING BEHAVIORS TO LOCAL OPEN GOVERNMENT DATA VIA TRANSACTION LOG ANALYSIS 548
F. Xiao, Z. Wang, D. He

WHAT IS ESSENTIAL?: UNDERSTANDING COMMUNITY RESILIENCE AND PUBLIC LIBRARIES IN THE UNITED STATES DURING DISASTERS 562
B. Patin

WHAT WE CAN LEARN FROM INFORMATION FLOWS ABOUT COVID-19: IMPLICATIONS FOR RESEARCH AND PRACTICE 573
W. Afzal

WOMEN'S CONCERNS IN ALABAMA'S PUBLIC LIBRARIES: AN EXPLORATORY WEBSITE CONTENT ANALYSIS OF ILLUSTRATIVE INFORMATION SUPPORT SERVICES 579
B. Mehra, B. Jaber

SHORT PAPERS

A PERSON-AGENT AND RELATED INFORMATION RESOURCES: A CASE STUDY OF COMPLEX RELATIONSHIPS 592
H. Lee, M. Kipp. L. Yang

A REVIEW OF TRUTH-DEFAULT THEORY: IMPLICATIONS FOR INFORMATION BEHAVIOR RESEARCH 597
T. Zimmerman, M. Njeri, M. Khader, J. Allen, A. Rosellini, T. Eaves

ACADEMIC LIBRARY'S LEADERSHIP AND STAKEHOLDER INVOLVEMENT IN RESEARCH DATA SERVICES 602
J. Kim

ADAPTING RESEARCH PROCESS MODELS FOR THE DESIGN OF KNOWLEDGE ENGINEERING APPLICATIONS 607
D. Keefer, K. Wickett

ADVANCING DIVERSITY IN HUMAN CENTERED DATA SCIENCE EDUCATION THROUGH GAMES 614
B. Herman, C. Aragon, S. Evans, L. Shanley

AFFECTIVE AND COGNITIVE FEATURES OF COMMENTS ADDED BY FORWARDERS IN SINA WEIBO DURING DISASTERS 618
X. Chen, S. Chen, J. Mao, G. Li

AN ANALYSIS FRAMEWORK OF RESEARCH FRONTIERS BASED ON THE LARGE-SCALE OPEN ACADEMIC GRAPH 624
H. Huang, H. Wang, X. Wang

AN EXPLORATION OF DETERMINANTS OF CYBERCHONDRIA: A MODERATED MEDIATION ANALYSIS 633
H. Zheng, X. Chen, S. Fu

BIBLIOMETRIC ANALYSIS OF THE CIBERMOV DATABASE ON CYBER-ACTIVISM (2007-2018) 638
M. Lopez-Hernandez, R. Dominguez-Delgado, I. Tenorio-Vazquez

CHARACTERISTICS OF INFORMATION SPREADING ACROSS NATIONS 646
X. Yu, D. Reddy, L. Bentula, L. Hong

PART 2

COMMUNITY-BASED DATA INTEGRATION OF COURSE AND JOB DATA IN SUPPORT OF PERSONALIZED CAREER-EDUCATION RECOMMENDATIONS 652
G. Zhu, N. Kopalle, Y. Wang, X. Liu, K. Jona, K. Borner

DATA MANAGEMENT PLAN SCORECARD 658
B. Bishop, J. Ungvari, H. Gunderman, H. Moulaison-Sandy

DESCRIPTIVE RICHNESS OF FREE-TEXT METADATA: A COMPARATIVE ANALYSIS OF THREE LANGUAGE ARCHIVES 663
M. Burke, O. Zavalina

DO YOU KNOW WHAT'S IN THOSE COOKIES? AN ANALYSIS OF THE READABILITY OF SOCIAL MEDIA COOKIE POLICIES 669
E. Rawlings

DON'T JUDGE A JOURNAL BY ITS COVER?: APPEARANCE OF A JOURNAL'S WEBSITE AS PREDICTOR OF BLACKLISTED OPEN-ACCESS STATUS 675
L. Liang, D. Acuna

EHEALTH LITERACY, INFORMATION SOURCES, AND HEALTH WEBPAGE READING PATTERNS 680
Y. Chang, J. Gwizdka, Y. Zhang

EMPLOYING WORD MOVER'S DISTANCE FOR CROSS-LINGUAL PLAGIARIZED TEXT DETECTION 685
C. Chang, C. Chang, S. Hwang

GENERATING COLLECTIVE ONLINE INFORMATION SHARING: THE FRAMING EFFECT OF QUESTIONS ON RESPONSE NETWORK 692
Q. Wu, D. Goh, C. Lee

GOTFUNDING: A GRANT RECOMMENDATION SYSTEM BASED ON SCIENTIFIC ARTICLES 698
T. Zeng, D. Acuna

HEALTHY DIET RECOMMENDATION VIA FOOD-NUTRITION-RECIPE GRAPH MINING 704
K. Li, Z. Jiang, H. Wang, X. Liu

HUMAN VERSUS MACHINE: ANALYZING VIDEO GAME USER REVIEWS FOR PLOT AND NARRATIVE 711
H. Cho, J. Bossaller, D. Adkins, J. Lee

IDENTIFYING DATA-FOCUSED CURRICULUM IN WORLDWIDE ISCHOOLS: PRELIMINARY DATA ACQUISITION FOR ASIA-PACIFIC AND EUROPEAN MEMBERS 718
W. Jeng, F. Tsai, J. Lee

INITIAL BIBLIOMETRIC INVESTIGATION OF NIH MENTORED K TO R TRANSITION 726
L. Zhang, X. Yan, P. Mabry, B. Martinson, T. Valente, W. Lu, X. Liu

LATE-LIFE IMMIGRATION, TRANSITION PROCESS, AND INFORMATION BEHAVIOR AMONG OLDER CHINESE INDIVIDUALS IN AUSTRALIA 732
J. Du, F. Xu

LAY INDIVIDUALS' PERCEPTIONS OF ARTIFICIAL INTELLIGENCE (AI)-EMPOWERED HEALTHCARE SYSTEMS 738
Z. Zhang, Y. Genc, A. Xing, D. Wang, X. Fan, D. Citardi

LIBRARIES AND THE UN SUSTAINABLE DEVELOPMENT GOALS: THE PAST, PRESENT, AND FUTURE 747
C. Cyr, L. Connaway

LIVE WRITING: MODELING A CREATIVE ACTIVITY IN A VIRTUAL SMALL WORLD 752
P. Kizhakkethil

MAKING AS IMAGINATIVE CROSSROADS: GHANAIAN MAKERS AND THE GEOPOLITICS OF TECHNOLOGICAL PROGRESS 757
S. Avle

MECHANICAL TURK OR VOLUNTEER PARTICIPANT? COMPARING THE TWO SAMPLES IN THE STUDY OF INTELLIGENT PERSONAL ASSISTANTS 762
I. Lopatovska, E. Korshakova

OPEN DATA IN PUBLIC LIBRARIES: GAUGING ACTIVITIES AND SUPPORTING AMBITIONS 768
K. Throgmorton, B. Norlander, C. Palmer

PHYSICAL AND SOCIAL HEALTH AT THE LIBRARY: STUDYING SMALL AND RURAL PUBLIC LIBRARIES AS VENUES FOR GROUP FITNESS AMONG OLDER ADULTS 775
N. Lenstra, F. Oguz

RECREATED ACTORS AND ATTRIBUTION: AN ANALYSIS OF FILM CREDITING PRACTICES 781
B. Dobreski, C. Thompson

RESEARCH IMPACT, VALUE AND LIBRARY AND INFORMATION SCIENCE (RIVAL): DEVELOPMENT, IMPLEMENTATION AND OUTCOMES OF A SCOTTISH NETWORK FOR LIS RESEARCHERS AND PRACTITIONERS 786
H. Hall, B. Ryan

SEASONAL CHARACTERIZATION OF DIET DISCUSSIONS ON REDDIT 791
V. Money, A. Karami, B. Turner-McGrievy, H. Kharrazi

SOCIAL MEDIA USERS' BEHAVIOR OF SETTING LIMITS IN INFORMATION SHARING: A HEURISTIC STUDY BASED ON WECHAT MOMENTS 798
G. Zheng, Z. Zhao

STIGMATIZATION IN SOCIAL MEDIA: DOCUMENTING AND ANALYZING HATE SPEECH FOR COVID-19 ON TWITTER 805
L. Fan, H. Yu, Z. Yin

TARGETING PRECISION: A HYBRID SCIENTIFIC RELATION EXTRACTION PIPELINE FOR IMPROVED SCHOLARLY KNOWLEDGE ORGANIZATION 816
M. Jiang, J. D'Souza, S. Auer, J. Downie

TASK-BASED HUMAN-STRUCTURED RESEARCH DATA INTERACTION: A DISCIPLINE INDEPENDENT EXAMINATION 823
F. Xiao, R. Ma, D. He

THE ROLE OF THE DATA PAPER IN SCHOLARLY COMMUNICATION 828
C. Jiao, P. Darch

UNCOVERING TEMPORAL DIFFERENCES IN COVID-19 TWEETS 834
H. Zheng, D. Goh, C. Lee, E. Lee, Y. Theng

UNIVERSITY PRESSES' E-BOOK DISSEMINATION STRATEGIES FOR ACADEMIC LIBRARY CUSTOMERS: AN EXPLORATORY STUDY 839
M. Zhang

USING TEXT CLASSIFICATION TO IMPROVE ANNOTATION QUALITY BY IMPROVING ANNOTATOR CONSISTENCY 844
E. Ishita, S. Fukuda, Y. Tomiura, D. Oard

VALUES, RISKS, AND POWER INFLUENCING LIBRARIANS' DECISIONS TO HOST DRAG QUEEN STORYTIME 850
D. Floegel, S. Barriage, V. Kitzie, S. Oltmann

VISUALIZING EVIDENCE-BASED DISAGREEMENT OVER TIME: THE LANDSCAPE OF A PUBLIC HEALTH CONTROVERSY 2002–2014 855
T. Hsiao, Y. Fu, J. Schneider

“WHEN SOMEONE SEES ME, I AM NOTHING OF THE NORM”: EXAMINING THE DISCURSIVE ROLE POWER PLAYS IN SHAPING LGBTQ+ HEALTH INFORMATION PRACTICES 862
V. Kitzie, T. Wagner, A. Vera

PANELS AND ALTERNATIVE EVENTS

AMPLIFYING CHANCE FOR POSITIVE ACTION AND SERENDIPITY BY DESIGN 869
S. Buchanan, S. Sauer, A. Quan-Haase, N. Agarwal, S. Erdelez

ASIST AM 2020. SIG HFIS PANEL PROPOSAL APRIL 27, 2020 874
K. Barre, C. Burke, M. Buckland, T. Gorichanaz

CONCEPTUALIZING AND STUDYING INFORMATION CREATION: FROM PRODUCTION AND PROCESSES TO MAKERS AND MAKING 876
I. Huvila, J. Douglas, T. Gorichanaz, K. Koh, A. Suorsa

CONSIDERING INDIVIDUAL AND COMMUNITY CONTEXTS WITHIN INFORMATION PEDAGOGY, SCHOLARSHIP, AND PRACTICE 881
A. Roeschley, S. Buchanan, M. Burke, A. Graf, O. Zavalina

CONTAINERS, GENRES, AND FORMATS, OH MY: CREATING SUSTAINABLE CONCEPTS BY CONNECTING THEORY, RESEARCH, PRACTICE, AND EDUCATION 886
B. Brannon, J. Valenza, T. Cataldo, R. Kear, I. Faniel

FROM COOPERATION TO COLLABORATION: DEVELOPING AND IMPLEMENTING A RESEARCH-BASED FRAMEWORK FOR INFORMATION ORGANIZATIONS 891
L. Saunders, L. Hinchliffe, M. Wong

FROM WAY ACROSS THE SEA: INFORMATION OVERLOAD AND INTERNATIONAL STUDENTS DURING THE COVID-19 PANDEMIC 894
S. Chang, D. McKay, N. Caidi, A. Mendoza, C. Gomes, C. Dedeoglu

HOW TO UNDERTAKE IDEOLOGICALLY CONTENTIOUS RESEARCH: LEANING ON REFLEXIVITY AND POSITIONALITY TO ADDRESS UNCOMFORTABLE DISJUNCTURE'S IN INFORMATION RESEARCH 899
S. Oltmann, S. Barriage, D. Greyson, M. Vaughn

INFRASTRUCTURES OF DIGITAL HUMANITIES 904
C. Sula, K. Craig, M. Dalmau, A. Humphreys, E. Hyvonen, H. Keah, J. Kiplang'At, T. Lindquist, N. Weber

INTEGRATING RESEARCH AND TEACHING FOR DATA CURATION IN ISCHOOLS 909
A. Acker, D. Donaldson, A. Kriesberg, A. Thomer, N. Weber

LINKED DATA EDUCATION AND TRAINING: PAST, PRESENT, AND FUTURE 914
B. Dobreski, M. Zeng, J. Kovari, J. Qin

MY FAVORITE UNRELIABLE SOURCE? INFORMATION SHARING AND ACQUISITION THROUGH INFORMAL NETWORKS 918
R. Willson, G. Buchanan, G. Burnett, N. Ellison, S. Erdelez, M. Twidale

OPEN ACCESS IN THE AGE OF A PANDEMIC 923
D. Alemneh, S. Hawamdeh, H. Chang, A. Rorissa, S. Assefa, K. Helge

OPPORTUNITIES AND CHALLENGES OF SELF-TRACKING TECHNOLOGIES: UNDERSTANDING INFORMATION, TECHNOLOGY, AND USERS THROUGH THE LENS OF INFORMATION SCIENCE 927
A. Ilhan, Y. Feng, K. Fietkiewicz, E. Eikey

PULLING BACK THE CURTAIN ON CONDUCTING SOCIAL IMPACT RESEARCH 932
R. Willson, D. Greyson, A. Gibson, J. Bronstein

REIMAGINING INFORMATION SCIENCE AND TECHNOLOGY BEYOND TRADITIONAL BOUNDARIES IN THE GLOBAL CORONAVIRUS PANDEMIC SITUATION 937
A. Rorissa, M. Li, M. Young, D. Turetsky, X. Yuan

STANDING OUT IN THE ACADEMIC LIS JOB MARKET: AN INTERACTIVE PANEL NOT JUST FOR DOCTORAL STUDENTS 940
N. Agarwal, K. Oh, R. Williams, D. Freeburg, H. Rosenbaum, B. Kwasnik

SUPPORTING OPEN RESEARCH DATA PRACTICE THROUGH DATA CURATION AND DISCOVERY: A GLOBAL PERSPECTIVE 945
Y. Liu, H. Chen, M. Kato, M. Wu, I. Huvila

THE USE OF ICT DURING COVID-19 948
S. Yang, P. Fichman, X. Zhu, M. Sanfilippo, S. Li, K. Fleischmann

TOWARD AN INTEGRATED INFORMATION SCIENCE 953
J. Hartel, M. Bates, T. Gorichanaz, K. Latham, C. Lueg, S. Rieh, L. Thomson

TRANSFORMING AND SUSTAINING INFORMATION SCIENCE EDUCATION: A CONVERSATION TO BEGIN THE ASISTED PODCAST 957
D. Pollock, A. Demasson, M. Zhang, R. Williams, A. Maurici

POSTERS

A CASE REPORT: CHALLENGES IN COVID-19 MODELING AT A PUBLIC HEALTH DEPARTMENT 960
M. Rogers

A CLUSTER ANALYSIS OF DATA MINING STUDIES IN LIBRARY AND INFORMATION SCIENCE FROM 2006 TO 2018 963
J. Ma, B. Lund

A PRELIMINARY INVESTIGATION OF COVID-19 TRANSMISSION IN THE UNITED STATES BY INCORPORATING SOCIAL MEDIA SENTIMENTS 967
T. Tan, T. Huang, X. Wang, Z. Zuo

A QUANTITATIVE TEXT ANALYSIS OF ARTIFICIAL INTELLIGENCE INDUSTRY POLICY IN CHINA 971
L. Wang, L. Zhang

¿A SOCIAL JOURNALISM? TRUMP'S IMMIGRATION ORDER ON SPANISH PRESS 974
P. Asensio-Perez, R. Dominguez-Delgado

“A TALE OF TWO VIRTUAL COMMUNITIES”: A PRELIMINARY ANALYSIS OF DISCOURSE IN TWO ONLINE PROGRAMMING SUPPORT COMMUNITIES 978
S. Sengupta

A THEORETICAL ANALYSIS OF INDEPENDENT BUSINESS OWNERS' PREFERENCES FOR INFORMAL INFORMATION SOURCES 981
J. Chan, J. Brier, Z. Farhadi, M. Lee, S. Janzen, W. Chi, A. Fellows, S. Winter

A VISUALIZATION ANALYSIS OF SUSTAINABILITY TOPICS IN SCIENCE AND ENGINEERING EDUCATION 985
N. Osorio

AN EXAMINATION OF SCIENTIFIC DATA REPOSITORIES, DATA REUSABILITY, AND THE INCORPORATION OF FAIR 991
A. Murillo

AN EXPLORATORY STUDY USING MINDFULNESS MEDITATION APPS TO BUFFER WORKPLACE TECHNOSTRESS AND INFORMATION OVERLOAD 994
D. Houli, M. Radford

ANALYSIS OF TOPICS IN STORYTIME BOOKS BASED ON TEXT MINING: PRELIMINARY FINDINGS 997
S. Joo, M. Cahill, E. Ingram

APPLYING BIBFRAME IN LARGE-SCALE DIGITAL LIBRARIES: THE HATHITRUST RESEARCH CENTER'S EXPERIENCE 1001
J. Jett, D. Kudeki, G. Worhtley, T. Cole, J. Downie

BIOMEDICAL KNOWLEDGE DISCOVERY BASED ON SENTENCE-BERT 1005
S. Shen, X. Liu, H. Sun, D. Wang

COLLABORATIVE INFORMATION MONITORING: PRELIMINARY RESULTS OF A SYSTEMATIC MIXED STUDIES REVIEW AND A FRAMEWORK SYNTHESIS..... 1008
V. Granikov, R. Sherif, F. Bouthillier, P. Pluye

CORRALLING CULTURE AS A CONCEPT IN LIS RESEARCH 1012
R. Salzano, H. Hall, G. Webster

CORRELATION BETWEEN REFERENCES AND CITATIONS IN ARTIFICIAL INTELLIGENCE: A PRELIMINARY STUDY 1015
L. Xiao, W. Jiang

DATA INTEGRATION AS THE MAJOR MODE OF DATA REUSE 1019
Y. Sakai, Y. Miyata, K. Yokoi, Y. Wang, K. Kurata

DATA-DRIVEN SEMANTIC INDEXING OF DIGITAL ASSETS DOCUMENTING AMERICAN FOOTBALL GAME ACTION 1022
S. Maccall, H. Liu

DESCRIPTION OF RESEARCH DATA IN LABORATORY NOTEBOOKS: CHALLENGES AND OPPORTUNITIES..... 1025
E. Nishida, E. Ishita, Y. Watanabe, Y. Tomiura

DOES GDPR INFLUENCE THE HOSPITAL-PATIENT RELATIONSHIP? TRUST AND COMMITMENT BETWEEN HEALTH DATA STAKEHOLDERS 1028
Y. Chen, W. Jeng

DOES HIERARCHICAL BADGES SYSTEM AFFECT USERS' EFFORTS AND OPINIONS? A PRELIMINARY STUDY 1031
D. Ma, S. Li, J. Du, C. Lu, J. Sun

EFFECTS OF MOBILE INSTANT MESSAGING APPLICATIONS IN THE WORKPLACE 1034
C. Lee, E. Ker, C. Ng, J. Ye, M. Watson-Manheim

EMPOWERED COLLECTIVE: FORMULATING A BLACK FEMINIST INFORMATION COMMUNITY MODEL THROUGH ARCHIVAL ANALYSIS 1038
L. Gray

ENHANCING BIBLIOGRAPHIC RECORDS IN ACADEMIC LIBRARY CATALOGS: AN EMPIRICAL STUDY 1043
S. Wu

EVALUATING MOBILE REMOTE PRESENCE BOTS FOR MEDICAL CONSULTATION IN NURSING HOMES 1046
V. Jungo, C. Lueg, F. Hofer, M. Bender

EXAMINING SOCIAL MEDIA COMMUNICATION ABOUT CHILDHOOD VACCINATION: AN ANALYSIS USING QUESTION-ANSWER DATA FROM QUORA 1049
K. Lee, W. King, N. Dahya, J. Lee

EXPLORING HOW TOPIC CHARACTERISTICS INFLUENCE ONLINE DISCUSSION QUALITY 1052
J. Liu, Z. Gao, P. Zhang

EXPLORING THE CRITERIA FOR SELF-GUIDED TOURISTS TO EVALUATE SATISFACTION WITH ONLINE TRAVEL INFORMATION 1055
L. Li, A. Wang, K. Huang

GESTALT PRINCIPLES IN WEB DESIGN: A STUDY OF THE USAGE OF SIMILARITY, SYMMETRY AND CLOSURE IN TODAY'S WEBSITES 1059
L. Kapllani, H. Elmimouni

GOOD, BAD, AND PRACTICAL: EXPLORING HUMAN MEMORY IN EVERYDAY INFORMATION BEHAVIOR 1063
L. Lee, M. Ocepek, S. Makri

GROUNDING PRACTICE IN THEORY: EXPLORING THE EDUCATION ANGLE 1066
A. Vanscoy, H. Julien, A. Harding

“I FIND MYSELF WONDERING WHY I WANTED TO DO THIS:” IDENTIFYING BARRIERS FOR STUDENTS OF COLOR IN THE LIS FIELD 1069
Y. Ramirez, M. Tari

IDENTIFYING CITATION GROWTH PATTERNS OF THE TOP SCHOLARS IN ISRAEL 1072
M. Weinberger, M. Zhitomirsky-Geffet, D. Bouhnik

IDENTIFYING FACTORS IMPACTING ENTITY SENTIMENT ANALYSIS: A CASE STUDY OF SENTIMENT ANALYSIS IN THE CONTEXT OF NEWS REPORTS 1076
M. Luo, X. Mu

IDENTIFYING IPA HUMOR STYLES 1080
T. Kubert, E. Korshakova

IMPACT OF CULTURAL AND RELIGIOUS LITERACY: IMPLICATIONS FOR INFORMATION LITERACY 1086
M. Khader, J. Allen, M. Njeri, T. Zimmerman, A. Rosellini, T. Eaves

IMPLEMENTING STANDARDIZED RIGHTS STATEMENTS IN A DIGITIZED COMMUNITY ARCHIVE 1089
K. Matusiak, S. Werling

INFORMATION SEEKING BEHAVIOR OF COSPLAYERS 1092
E. Vardell, P. Thomas, T. Wang

INSTRUCTORS' UNDERSTANDING OF AND RESPONSES TO STUDENT PRIVACY IN THE DATAFIED CLASSROOM 1095
A. Vanscoy, K. Jones, K. Bright, A. Harding

INTEGRATING MOTIVES AND USABILITY TO EXAMINE COMMUNITY CROWDSOURCING 1098
C. Lee, D. Goh, Q. Zhou, S. Sin, Y. Theng

INVESTIGATING COVID-19-RELATED QUERY LOGS OF CHINESE SEARCH ENGINE USERS 1101
Z. Ye, J. Mao, Y. Liu, M. Zhang, S. Ma

INVESTIGATING THE INFORMATION PRACTICES OF PARENTS OF TRANSGENDER OR GENDER NON-CONFORMING (GNC) YOUTH: PRELIMINARY FINDINGS 1105
M. Ortiz-Myers

IS IT REAL? A STUDY ON DETECTING DEEPFAKE VIDEOS 1108
N. Thaw, T. July, A. Wai, D. Goh, A. Chua

LGBTQ+ INDIVIDUALS SEEKING INFORMATION AND SUPPORT FROM ONLINE COMMUNITIES TO NAVIGATE UNPLEASANT EMOTIONS 1111
R. Jia, J. Du, Y. Zhao, D. Velasquez

LIBRARIANS' ATTITUDE TOWARD PROVIDING ENVIRONMENTAL LITERACY SERVICES IN THE STATES OF CALIFORNIA, FLORIDA, AND GEORGIA 1114
X. Ren

LIBRARIES AND ARCHIVES OF TOMORROW: HOW FUTURE INFORMATION PROFESSIONALS PERCEIVE AI 1118
L. Li, K. Fleischmann

LINKING MECHANISMS IN DATA REPOSITORIES: A CASE STUDY OF BIOSAMPLE DATABASE 1121
J. Qin, A. Leathers, V. Tompkins

MAPPING BF:WORK TO LRM:WORK AND LRM:EXPRESSION: TOWARDS A SET-THEORETICAL APPROACH 1124
J. Hahn, T. Dousa

MIND THE GAP: EXPLORING DIFFERENCES BETWEEN LIBRARIANS' AND STUDENTS' PERCEPTIONS OF INFORMATION LITERACY INSTRUCTION 1127
H. Julien, M. Gross, D. Latham

MOBILE APP MICRO-USAGE DURING THE MOBILE SEARCH 1130
S. Liang, L. Zang

NARRATIVE IMMERSION FOR INFORMATION LITERACY: A PILOT STUDY 1133
A. Urban, W. Edgar, J. Bossaller

NER-RAKE: AN IMPROVED RAPID AUTOMATIC KEYWORD EXTRACTION METHOD FOR SCIENTIFIC LITERATURES BASED ON NAMED ENTITY RECOGNITION 1136
H. Huang, X. Wang, H. Wang

NETWORK TYPOLOGY, INFORMATION SOURCES, AND MESSAGES OF THE INFODEMIC TWITTER NETWORK UNDER COVID-19 1140
M. Chong

ONE-APPROACH-FITS-ALL? USE AND EVALUATION OF SOCIAL MEDIA INFORMATION FOR DIFFERENT GOALS 1144
K. Kim, S. Sin

ONLINE INFORMATION GROUNDS BY URBAN NEWCOMERS IN CHINA 1148
H. Sun, M. Wang, J. Zheng, Y. Li

PERFORMANCE EVALUATION OF FEATURE SELECTION METHODS FOR AIRCRAFT HARD LANDING INCIDENT PREDICTION 1151
J. Ding, X. Yuan, H. Li

PRACTICES FOR EVALUATING QUALITATIVE RESEARCH IN INFORMATION SCIENCE 1154
M. Rugenhagen

PREKINDERGARTEN AND KINDERGARTEN VIRTUAL SCHOOL PROGRAMS UNDER COVID-19: A TWO-CASE COMPARATIVE STUDY 1157
Z. Hu, W. Lu

PREPARING FOR THE FUTURE OF WORK: BUILDING AN INFORMAL LEARNING COMMUNITY ABOUT INTELLIGENT TECHNOLOGIES IN POOR NEIGHBORHOODS 1161
L. Xiao, C. Asante-Agyei

PROBLEMATIC FACEBOOK USE AND COPING STRATEGIES AMONG COLLEGE STUDENTS 1164
Y. Sun

PROCESS OF INFORMATION ENGAGEMENT: INTEGRATING INFORMATION BEHAVIOR AND USER ENGAGEMENT 1167
N. Dvir

PROTECTING PARTICIPANT PRIVACY WHILE MAINTAINING CONTENT AND CONTEXT: CHALLENGES IN QUALITATIVE DATA DEIDENTIFICATION AND SHARING 1170
C. Myers, S. Long, F. Polasek

RIGHT THIS WAY: EXPLORING THE USE OF MOBILE MAPS IN STREET-LEVEL WAYFINDING 1175
R. Noone

RISK AND RESILIENCE IN RADICALLY REDEFINED INFORMATION ENVIRONMENTS; INFORMATION PRACTICES DURING THE COVID-19 PANDEMIC 1179
A. Lloyd, A. Hicks

RURAL LIBRARIANS' PERSPECTIVES ON MAKERSPACES AND COMMUNITY ENGAGEMENT 1182
S. Kim, A. Copeland

SEARCH ENGINES AND THE SEX EDUCATION INFORMATION PRACTICES OF LGBTQ+ YOUTH 1185
D. Delmonaco, G. Marcu, O. Haimson

SERVING THE NEEDS OF STUDENTS WITH DISABILITIES: HOW ACADEMIC LIBRARIANS CAN COLLABORATE WITH PUBLISHERS AND DISABILITY SERVICES OFFICES 1188
J. Day, K. Fleischmann

SMART BOOKSHELF FOR LIBRARY BOOK MANAGEMENT 1191
M. Tang, J. Chen, H. Chen

SOCIAL MEDIA AND COVID-19: CAN SOCIAL DISTANCING BE QUANTIFIED WITHOUT MEASURING HUMAN MOVEMENTS? 1194
M. Anderson, A. Karami, P. Bozorgi

SOCIAL MEDIA AND COVID-19: CHARACTERIZING ANTI-QUARANTINE COMMENTS ON TWITTER 1198
A. Karami, M. Anderson

STARTING A SEARCH: EXPLORING THE DIFFERENCES IN TWO DIGITAL LIBRARIES 1202
M. Kuhar, T. Mercun

STORING BIBLIOGRAPHIC DATA IN MULTIPLE FORMATS WITH THE NPDS CYBERINFRASTRUCTURE 1206
S. Taswell, K. Uhegbu, S. Mashkoor, S. Dutta, C. Taswell

SUCCESS FACTORS AFFECTING DIGITAL LITERACY TRAINING INITIATIVES LED BY LOCAL COMMUNITY ORGANIZATIONS 1210
B. Detlor, H. Julien

SUCCESSFUL TROLLING ON REDDIT: A COMPARISON ACROSS SUBREDDITS IN ENTERTAINMENT, HEALTH, POLITICS, AND RELIGION 1213
P. Fichman, S. Sharp

SUPPORTING INCLUSIVE GAMING COMMUNITIES THROUGH FOSTERING ONLINE-OFFLINE HYBRID SPACES 1216
R. Simons, R. Girard, A. Elkins

TEACHERS' AND STUDENTS' ATTITUDES TOWARDS INFORMATION SECURITY: A QUALITATIVE STUDY 1219
N. Reich, N. Aharony, D. Bouhnik

TECHNOLOGY FOOTPRINTS IN SCIENTIFIC DISCOVERY: CITATION CONTEXTS OF PAPER-TO-PATENT CITATIONS 1223
T. Hsiao, V. Torvik

THE COLLABORATIVE STRUCTURE OF SYNTHETIC BIOLOGY ETHICS 1227
B. Sepulvado, J. Jett, J. Downie

THE IMPACT OF ASUU-STRIKES ON STUDENTS' INFORMATION BEHAVIOR IN A NIGERIAN UNIVERSITY 1231
U. Onye, C. Aniche

THE INFLUENCE OF BIOR?IV ON PLOS ONE'S PEER-REVIEW AND ACCEPTANCE TIME 1235
H. Tsunoda, Y. Sun, M. Nishizawa, X. Liu, K. Amano

THE INFLUENCE OF POSITIVE OR NEGATIVE IMPACTS ON INFORMATION BEHAVIOR 1239
N. Bank

THE ROLE OF VIRTUAL REALITY IN PREPARING GRADUATE STUDENTS FOR COMMUNITY ENGAGEMENT 1243
I. Alshathri, D. Ulla, A. Komlodi, M. Wolff, H. Schmitz

THE STATE OF PRACTICE OF COVID-19 TRACKING SYSTEMS: AN INVENTORY STUDY 1246
R. Tang, S. Erdelez, E. May, Y. Zhang

THIS IS NOT SPAM!: AN ANALYSIS OF PREDATORY PUBLICATION INVITATIONS IN LIBRARY AND INFORMATION SCIENCE 1250
B. Lund, T. Wang

THROUGH THE MAGNIFYING GLASS: EXPLORING AGGREGATIONS OF COVID-19 DATASETS BY COUNTY, STATE, AND TAXONOMIES OF U.S. REGIONS 1253
Y. Cheng, B. Ludascher

TRANSFORMING UNDERSTANDING OF INFORMATION LITERACY: SUSTAINABLE FUTURES THROUGH INFORMATION LANDSCAPES 1258
L. Rath

U.S. STATE LIBRARIES AS STRONG INSTITUTIONS: SUPPORTING JUSTICE FOR LGBTQ+ PATRONS? 1260
J. Winberrry, B. Mehra

UNDERSTANDING AND FIGHTING DISINFORMATION AND FAKE NEWS: TOWARDS AN INFORMATION BEHAVIOR FRAMEWORK 1263
N. Agarwal, F. Alsaeedi

UNDERSTANDING HEUTAGOGY DURING A PANDEMIC: A CASE OF UNIVERSITAS INDONESIA 1267
R. Rahmi

UNDERSTANDING HOW AFRICAN-AMERICAN AND LATINX YOUTH EVALUATE THEIR EXPERIENCES WITH DIGITAL ASSISTANTS 1271
S. Yi, S. Slota, J. Bailey, S. Watkins, K. Fleischmann

UNIVERSITY STUDENTS' INFORMATION BEHAVIOR WHEN EXPERIENCING MENTAL HEALTH SYMPTOMS 1274
C. Oh, R. Kornfield, E. Lattie, D. Mohr, M. Reddy

UNMET INFORMATION NEEDS REGARDING CANNABIS DECISIONS IN PREGNANCY 1278
D. Greyson

USERS' PERCEPTION OF RURAL PUBLIC DIGITAL CULTURAL SERVICES IN CHINA 1281
M. Wang, H. Sun, Y. Chen, Y. Hua

USING A 360° CAMERA AS A MOBILE DATA COLLECTION METHOD TOWARDS UNDERSTANDING INFORMATION TYPES AND USE IN RUNNING 1285
L. Pretlove, A. Cox, L. Sbaffi, F. Hopfgartner

UTILIZING HTML-ANALYSIS AND COMPUTER VISION ON A CORPUS OF WEBSITE SCREENSHOTS TO INVESTIGATE DESIGN DEVELOPMENTS ON THE WEB 1289
T. Schmidt, A. Mosiienko, R. Faber, J. Herzog, C. Wolff

VALIDATING AN EXTENDED TYPOLOGY OF WEB CREDIBILITY ASSESSMENT 1294
W. Choi, M. Luo, S. Kim

VISUALISATION OF HARD DRIVE CONTENT TO SUPPORT ARCHIVAL PROCESSES FOR PERSONAL DIGITAL ARCHIVES 1297
Z. Bartliff, Y. Kim, G. Baxter

WE ARE HERE AND WE ARE MANY: USING A TELEPRESENCE ROBOT FOR SHARED EXPLORATION AND LEARNING (AND FUN) 1301
C. Lueg, M. Castles, M. Wong

WHAT ARE THE SOURCE SELECTION CRITERIA?: LESSONS FROM MOTHERS' HEALTH INFORMATION-SEEKING BEHAVIOR 1304
H. Lee

“YOUR PERSONAL HEALTH DATA CAN TELL”: EXPLORING PREDIABETIC ADULT'S LIFESTYLE SELF-MANAGEMENT WITH H-IOT TECHNOLOGY 1308
N. Zou, D. He, S. Liang

Author Index